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ABSTRACT

Compiled to provide information on the outdoor education programs offered by 44 Canadian universities, this directory highlights the special characteristics of each program. The directory also provides the following information for each university: (1) contact person; (2) personnel involved in outdoor education and their degree qualifications and status; (3) courses offered, number of credits, and type of course; (4) number of students per course and teacher/student ratio; (5) degree, diploma, or program offered; (6) major sites used for courses; and (7) special characteristics of each program. (CM)

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DIRECTORY OF

OUTDOOR EDUCATION

IN

CANADIAN UNIVERSITIES

MAI 1981 MAY

ANNUAIRE DU

PLEIN AIR

DANS LES

UNIVERSITES CANADIENNES

PAR - By
JACQUES GRENIER

OTTAWA

MAY - 1981

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U.S. DEPARTMENT OF EDUCATION
NATIONAL INSTITUTE OF EDUCATION
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ACADIA UNIVERSITY

1. Contact Person: Professor Jude de Guerre
   Department of Recreation
   School of Recreation and Physical Education
   Acadia University
   Wolfville, Nova Scotia
   B0P 1X0
   Tel: (902)-542-9201, extension 307

2. Personnel involved in outdoor education, degree qualifications, status

   - Jude de Guerre, M.Ed., full time
   - Assistants part time

3. Courses offered, number of credits, type of course

   - Rock Climbing, Canoeing, Hebertism, Orienteering, Cross-Country Skiing, Out-Tripping, Backpacking, Cycling, Outdoor Pursuits, Winter Camping, Nature Crafts, Residential Camping, Recreation Aquatics

     These practical activity courses are part of a ½ credit activity requirement for Recreation Majors. Each activity is 6 weeks - 18 hrs.

   - Camp Administration
     Advanced Skills in Outdoor Recreation
     People and Parks
     Independent Study in Outdoor Recreation
     Outdoor Recreation Administration

     These courses are both practical and theory, major emphasis on theory. Each is worthed ½ a credit.

4. Number of students per course and teacher/student ratio

   - practical courses: limit of 12 students.
     Ratio = 1:12 plus 1 assistant (1:6).

   - theory courses: limit of 15 students.
     Ratio = 1:15. Exception: One course has 75 students with 1 prof.

5. Degree, diploma, program

   - The Department offers either a B.Sc. or a B.A. in Recreation (20 credits) with Specialization in Outdoor Recreation. The maximum number of outdoor education credits given by the Department is 3½ cr. One other credit may be obtained elsewhere in the University.

6. Major sites used for courses

   - Provincial Parks, Provincial Trails, Resident Camps, Campus and local environment.

7. Special characteristics

   - The program is a well rounded program in theory and pursuits. It gives each student the opportunity to progress as an individual. The program philosophy emphasizes a blend of technical skills, environmental ethic and human development.

UNIVERSITY OF ALBERTA

NOTE: Outdoor Education is the responsibility of two units at University of Alberta. These units are: I- The Department of Movement Education, II- The Department of Recreation Administration.

I. Department of Movement Education

1. Contact Person: Professor Jan James
   Department of Movement Education
   Faculty of Physical Education
   University of Alberta
   Edmonton, Alberta
   T6G 2H9
   Tel: (403)-432-3655

2. Personnel involved in Outdoor Education, degree qualifications, status

   - Jan James - M.A. - full time
   - Harvey A. Scott - Ph.D. - full time
   - Wally Cottle - Ph.D. - full time
   - Mark Lund - B.A. - part time
   - Lou Lanier - Ph.D. - full time
   - Peter Heron - full time

3. Courses offered, number of credits, type of courses

   - N.B.: 1 cr. = 15 hrs.
   - From Department of Movement Education
     - Directed Studies 499 - 3 cr. - practical and theory
     - Directed Studies 599 - 3 cr. - practical and theory
   - From Department of Elementary Education
     - C & I in Outdoor Education K-13 - 3 cr. - practical and theory
     - Supervised Independent Study in Element. Education I and II - 3 cr. each - practical and theory
     - Directed Individual Study - 3 cr. - practical and theory.

4. Number of students per course and teacher/student ratio

   - Practical courses } 10 to 30 students: Ratio 1:30
   - Theory courses }

5. Degree, diploma, program

   - The Department offers a concentration in Outdoor Education within the B.P.E. or the B.A. Rec. Admin. degrees. The number of credits that a student may take in Outdoor Education varies with the programme of the student but he is allowed at least 6 credit hours. Other Departments also offer courses in Outdoor Education (Recreation, Elementary Education, Physical Education, Agriculture, Geography, Anthropology, etc...).

6. Major sites used for courses

   - John Jansen Nature Centre, Fort Edmonton, Pioneer Cemetaries, Provincial and Local Museums, Municipal Parks.

7. Special characteristics

   - Use the out-of-doors as a learning laboratory/environment. Show, experience, and develop program materials to teach the conceptual frameworks approved by the Alberta Department of Education.

II. Department of Recreation Administration

1. Contact Person: Dr. Lou Lanier
   Department of Recreation Administration
   Faculty of Physical Education and Recreation
   University of Alberta
   Edmonton, Alberta
   T6G 2H9
   Tel.: (403)-432-2759

2. Personnel involved in Outdoor Education, degree qualifications, status

   - Lou L. Lanier - Ph.D. - full time
   - Harvey Scott - Ph.D. - full time
   - Wally Cottle - Ph.D. - full time
   - Mark Lund - B.A. - part time
   - Guy Swinnerton - Ph.D. - full time

3. Courses offered, number of credits, type of courses

- N.B.: 1 cr. = 15 hrs.
- Introduction to Outdoor Recreation - 3 cr. - practical & theory
- Outdoor Programming & Counselling - 3 cr. - practical & theory
- Warm Weather Outdoor Education - 3 cr. - practical & theory
- Cold Weather Outdoor Education - 3 cr. - practical & theory
- Outdoor Edu. Admin. & Program - 3 cr. - practical & theory
- Curriculum & Instruction in El. Sch. - 3 cr. - practical & theory
- Practicum in Outdoor Leadership - 3 cr. - practical
- Practicum in Outdoor Skill Development - 3 cr. - practical
- Outdoor Recreation Resources - 3 cr. - theory

4. Number of students per course and teacher/student ratio

- Practical courses: 10 to 20 students: Ratio = 1:10

5. Degree, diploma, program

- The Department offers an "Area of Interest" in Outdoor Recreation. The students may take up to 15 credits from their own Department and up to 24 credits from other units within the University.

6. Major sites used for courses

- Burtonsville Island on the North Saskatchewan River - North Saskatchewan River.

7. Special characteristics

- Our program makes use of courses in a wide variety of related disciplines eg.: Forestry, Education, Agriculture Economics, Physical Education, Biology, History, Zoology, Drama and Geography.

BISHOP'S UNIVERSITY

NOTE: Bishop's University offers very little in the field of Outdoor Education. There is only one course that touches a little bit upon this field and that is "Planning and Supervision of Extra-Curricular Activities" which is given from time-to-time in the Summer School for Teachers.

1. Contact Person: Professor Alan W. Jones, Chairman
Graduate School of Education
Bishop's University
Lennoxville, Québec
J1M 1Z7
Tel: (819)-569-9551

BRANDON UNIVERSITY

1. Contact Perscn: Professor Nancy Stanley
   Department of Physical Education and
   Recreational Services
   Faculty of Education
   Brandon University
   Brandon, Manitoba
   R7A 6A9
   Tel: (204)-728-9520, extension 236

2. Personnel involved in Outdoor Education, degree qualifications, status

   - Doug Steeves - M.Ed., full time
   - Nancy Stanley - M.Ed., full time

3. Courses offered, number of credits and type of courses

   - N.B.: 1 cr. = 15 hrs.
   - Outdoor Education I - 3 cr. - 75% practical, 25% theory
   - Outdoor Education II - 3 cr. - 75% practical, 25% theory

4. Number of students per course and teacher/student ratio

   - Practical courses
   - Theory courses

   } 20 to 30 students: Ratio = 1:25

5. Degree, diploma, program

   - The Department offers two Outdoor Education courses (6 credit hours) within the regular program.

6. Major sites used for outdoor courses

   - Camp Wannakumbac, Camp Koinonia, Brandon Hills.

7. Special characteristics

   - Both courses are introductory courses. The first one provides practical skills in survival, specifically Winter. Main feature; spending a minimum of 3 days in a school residential winter program leading activity groups (grade 5 to 9), one night in a quinzhee, cross-country skiing, etc... Course emphasis is interdisciplinary. The second course is more of the first but in greater depth plus wilderness experience of hiking into Park, 3-10 miles on X-c skis, build quinzhee, sleep-out, cook-out.

UNIVERSITY OF BRITISH COLUMBIA

1. Contact Person: Professor Max Innes
   Department of Recreation and Leisure Studies
   School of Physical Education and Recreation
   Faculty of Education
   University of British Columbia
   Vancouver, British Columbia
   V6T 1W5
   Tel: (604)-228-4928

2. Personnel involved in Outdoor Education, degree qualifications, status

   - Max Innes - M.A. - full time
   - Assistants - part time

3. Courses offered, number of credits, type of courses

   - N.B.: 1 cr. = 15 hrs.
   - Outdoor Recreation - 1.5 cr. - theory
   - Seminar in Outdoor Recreation - 1.5 cr. - theory
   - Special Studies in Outdoor Rec. - 1.5 cr. - theory and practical

4. Number of students per course and teacher/student ratio

   - Practical courses: 20 to 30 students: Ratio: 1:10
   - Theory courses: 30 to 40 students: Ratio: 1:30 to 1:40

5. Degree, diploma, program

   - The maximum number of courses that a student may obtain in Outdoor Recreation from the School is 3 courses (4.5 credits), and 9 courses from other Departments within the University (Forestry, Biology, Education, etc...).

6. Major sites used for courses

   - Garibaldi Park, Whistler area, Coastal Waters near Vancouver, University Endowment Lands.

7. Special Characteristics

   - Every attempt is made to structure a program suited to each student's particular interests.

8. Other comments

   - Plans for a specialization in Outdoor Recreation within the School of Physical Education and Recreation are under way.

BROCK UNIVERSITY

1. Contact Person: Dr. Alan E. Wheeler
   Department of Graduate/Undergraduate Studies
   College of Education
   Brock University
   St. Catherines, Ontario
   L2S 3A1
   Tel.: (416)-684-7201, extension 302 or 388

2. Personnel involved in outdoor education, degree qualifications, status

   - Alan E. Wheeler - Ph.D. - full time
   - W. Poole - M.Sc. - full time

3. Courses offered, number of credits and type of courses

   - N.B.: 1 cr. = 15 hrs.
   - Outdoor Education (pre-service level) - 1 cr. - practical
   - Environmental Education (master level) - 3 cr. - theory

4. Number of students per course and teacher/student ratio

   - practical courses: up to 60 students - ratio = 1:30
   - theory courses: 10 to 20 students - ratio = 1:15

5. Degree, diploma, program

   - The Department offers two courses in Outdoor Education, one at the pre-service level (1 cr.) and one at the Master level (3 cr.).
   - A B.A. or B.Sc. degree is possible in either a combined major or an interdepartmental program in the Institute of Urban and Environmental Studies.

6. Major sites used for courses

   - Adjacent, nearby conservation areas and sites in the Niagara Region.

7. Special characteristics

   - Outdoor Education at the pre-service level is a "hands-on" practical examination and exposure with various approaches and underlying philosophies regarding Outdoor Education from a variety of resource people, school boards, etc..
   - Environmental Education at the graduate level is theory oriented and designed to allow students to exercise a considerable amount of curriculum decision making.

UNIVERSITY OF GALGARY

1. Contact Person: Professor Bill March, Coordinator
   Outdoor Pursuits Program
   Faculty of Physical Education
   University of Calgary
   Calgary, Alberta
   T2N 1N4
   Tel.: (403)-284-6471

2. Personnel involved in Outdoor Education, degree qualifications, status

- Bill March -	M.Ed. -	full time
- Al Brown -	Ph.D. -	full time
- Rusty Baillie -	B.A. -	full time
- Colin Lumby -	M.A. -	full time
- Murray Toft -	M.A. -	full time
- Brad Kilb -	B.P.E. -	full time
- George Kinnear -	Ph.D. -	full time
- Lou Goodwin -	Ph.D. -	part time
- Mike Hawes -	Ph.D. -	part time
- George Kingston -	Ph.D. -	part time

3. Courses offered, number of credits and type of courses

* N.B.: 1 unit = 20 hrs. of instruction - practical courses.

- Canoeing I, Canoeing II, Riding, Sailing, Bicycle touring and racing, Orienteering, Cross-Country skiing and snowshoeing I, Introductory Camping and Navigation, Alpine Skiing I, Angling, Scuba diving I, Kayaking I, Kayaking II. } Practical Physical Activity courses of 1 unit each

- Rock climbing, Backpacking and wilderness camping, Ice climbing, Alpine skiing II, Scuba diving II. } Practical Physical Activity Courses of 2 units each

* N.B.: 1 cr. = 36 hrs. of instruction and lab time.

Theory courses hours per week	Lecture	Lab
Introduction to Outdoor Pursuits -	2 cr. - 3	0
Safety in Outdoor Pursuits -	2 cr. - 3	2
Outdoor Education -	2 cr. - 3	0
Org. & Admin. of Outdoor Centers -	2 cr. - 3	0
Counselling and Leadership in Out. Settings -	2 cr. - 3	1
Wilderness Survival -	2 cr. - 3	2
Adaptation to Environmental Stress -	2 cr. - 3	2/2
Practicum in Outdoor Pursuits -	2 cr. - 0	4
Wildlands and Outdoor Pursuits -	2 cr. - 3	0

4. Number of students per course and teacher/student ratio

   - Practical courses: 10 to 20 students; Ratio 1:6 to 1:20
   - Theory courses: 10 to 20 students; Ratio 1:20

5. Degree, diploma, program

   - The Faculty offers a B.P.E. (Outdoor Pursuits Degree). Study includes nine required theory half-courses taking the form of core courses plus a selection of physical activity courses totalling a minimum of 24 units. From the Faculty, 27 credit weight units of Outdoor Education are offered while 16 credit weight units may come from other Departments within the university.

6. Major sites used for courses

   - National Parks, Provincial Parks, Forest Reserves.

7. Special characteristics

   - Outdoor Pursuits is People ... who require warmth, shelter, food, water, sleep and generally, functional health ... People who move and travel ... People who relate to themselves and other people ... People who relate to their environment. All of these are found throughout the Outdoor Pursuits curriculum.

8. Other comments

   - The Outdoor Pursuits route is designed to give the student a solid professional preparation on which to build experientially throughout his or her career. The emphasis is on a personal learning process and the development of a realistic attitude of one's potential as a professional in the field of Outdoor Pursuits.

CARLETON UNIVERSITY

NOTE: Carleton University does not offer any outdoor education program.

1. Contact Person: Mr. Keith Harris, director
Department of Physical Recreation and Athletics
Carleton University
Ottawa, Ontario
K1S 5B6
Tel.: (613)-231-2646

CONCORDIA UNIVERSITY

1. Contact Person: Professor Keith Wilkinson, director
   Outdoor Education Programme
   Department of Exercise Science and
   Recreation and Leisure Studies
   Concordia University, Loyola Campus
   Sherbrooke Street West
   Montreal, Quebec
   Tel.: (514)-482-0320, extension 744

2. Personnel involved in Outdoor Education, degree qualifications, status

   - Keith Wilkinson - M.Ed. - part time
   - Stuart Robertson - M.Sc. - part time

3. Courses offered, number of credits, type of courses

   - 1 cr. = 15 hrs.
   - Leadership in Outdoor Education - 6 cr. - practical & theory
   - Scientific Foundations of Outdoor Education - 6 cr. - practical & theory
   - Outdoor E. in the School Curriculum - 6 cr. - practical & theory.

4. Number of students per course and teacher/student ratio

   - Practical courses - 30 to 40 students: Ratio 1:15 (with extra instructors)
   - Theory courses - 30 to 40 students: Ratio 1:30

5. Degree, diploma, programme

   - The Faculty presently offers a Certificate in Outdoor Education totalizing 30 credits (18 required from the Faculty, 6 required from other Departments within the University, and 6 electives).

6. Major sites used for courses

   - Lacolle Center, Lacolle, Quebec (owned by the University).
   - Outdoor Center at "The Round Hearth", Eastman, Quebec, Orford Provincial Park.

7. Special characteristics

- Our courses attract a good "mix" of students. The Outdoor Education Certificate is attractive to School Teachers who wish to increase their scholarity, while it is attractive to many Exercise Science and Recreation students who wish to see practical applications of their theory courses. These participants are leavened with students from courses ranging from theatre to psychology who are attracted by the experiential approach. This balanced population has led to 5 years of successful outdoor courses. The 2 course leaders have wide experience in outdoor work and both run Outdoor Pursuits in private life.

DALHOUSIE UNIVERSITY

1. Contact Person: Dr. Anthony Richards
   School of Physical Education
   Faculty of Health Professions
   Halifax, Nova Scotia
   B3H 3J5
   Tel.: (902)-424-2152

2. Personnel involved in Outdoor Education, degree qualifications, status

   - A. Richards - Ed.D. - full time
   - M. Arthur - M.Sc. - full time

3. Courses offered, number of credits, type of courses

   - N.B.: 1 cr. = 15 hrs.
   - Principles of Experiential Education - 3 cr. - practical & theory
   - Specialization in Outdoor Education - 3 cr. - practical & theory
   - Base camp - 2 cr. - practical
   - Winter Activities - 2 cr. - practical & theory
   - Skiing - 2 cr. - practical
   - Canoeing - 2 cr. - practical
   - Future Courses: Rock Climbing, Summer Activities, 1st Aid, Search and Rescue, Orienteering/Nav., Kayaking, Sailing, Ocean Canoeing.

4. Number of students per course and teacher/student ratio

   - Practical courses: 10 to 20 students: Ratio: 1:12
   - Theory courses: 10 to 40 students: Ratio: 1:60

5. Degree, diploma, program

   - The School presently offers a specialization in Outdoor Education comprised of 14 credit hours (6 courses). Future Outdoor activity courses are planned.

6. Major sites used for courses

   - Provincial and National Park, any Crown Land.

7. Special characteristics

   - The program is an adventure based experiential education program. The graduates who choose to work in the field find jobs in a variety of settings from prisons to Recreation centers, from drug dependency agencies to elementary schools.

8. Other comments

- The program attracts students from Education, Social Work, Psychology, Nursing, Physiotherapy as well as Physical Education, Recreation and Health Education.

LAKEHEAD UNIVERSITY

1. Contact Person: Dr. Lisle A. Thompson, coordinator
   Department of Outdoor Recreation
   School of Physical Education and Outdoor Recreation
   Lakehead University
   Thunder Bay, Ontario
   P7B 5E1
   Tel.: (807)-345-2121, extension 753

2. Personnel involved in Outdoor Education, degree qualifications, status

   - Lisle A. Thompson - Ph.D. - full time
   - Henry J. Akervall - M.Ed.* - full time
   - Robert M. Christie - Ph.D. - full time
   - Douglas R. Nichols - M.Sc.* - full time
   - Richard Rollins - M.Sc.* - full time
   - James E.P. Smither - Ed.D. - full time
   - Tom Stevens - M.A.* - full time
   - David J. Bates - M.Sc. - part time

   * Ph.D. in progress.

3. Courses offered, number of credits, type of courses

   - Group Work in Outdoor Recreation - theory
   - Introduction to Outdoor Recreation - theory
   - Outdoor Skills I, II, III, IV - practical
   - Campcraft Skills I, II - practical
   - Outdoor Interpretation I, II, III, IV - theory & practical
   - Intro to Out. Rec. Leadership Techniques - theory
   - Org. & Admin. in Outdoor Recreation - theory
   - Outdoor Recreation Areas & Facilities - theory
   - Field Experience I, II - practical
   - Honours Project - theory
   - and 9 other courses - theory

4. Number of students per course and teacher/student ratio

   - Practical courses: 40 and up; Ratio: 1:15*
   - Theory courses: 40 and up; Ratio: 1:25

   * N.B.: Depends on Faculty availability and student enrollment.

Lakehead University (continued)

5. Degree, diploma, program

   - The Department offers a H.B.O.R. (Honours Bachelor of Outdoor Recreation) made up of 20½ credit courses total (14½ in Outdoor Recreation and 6 electives). A double degree is a possibility in conjunction with Geography Department B.A. (Geog.)/H.B.O.R. and/or with Biology Department B.Sc. (Nat. Sc.)/H.B.O.R. The degree is built on 50% theory, 50% practicum (practicum for credits). Current students enrollment, all four years: 190.

6. Major sites used for courses

   - Lakehead University Research Center, Black Sturgeon Lake (owned by the University).
   - Pukaskwa National Park, Quetico Provincial Park, Sibley Provincial Park, Campus, City Parks, Local Ski Hills & Resorts, Lakes and Rivers of Northern Ontario.

7. Special characteristics

   - Our purpose is to provide university level education and training in those leisure pursuits of man which provide direct relationship with the natural environment for their existence. Students are required to be competent practitioners and instructors in a wide range of skill areas and to be knowledgeable about the theoretical aspects, legal responsibilities, and other societal conceptions and considerations associated with these skill areas. Students are also required to be knowledgeable and competent in the philosophical, organizational, administrative, interpretative, and operational aspects of natural resource based recreation and leisure.

8. Other comments

   - Proposed future direction: M.O.R. (Master's degree in Outdoor Recreation).

LAURENTIAN UNIVERSITY

1. Contact Person: Professor Robert J. Rogers, chairman
   Physical Education Services
   School of Physical and Health Education
   Laurentian University
   Sudbury, Ontario
   P3E 2C6
   Tel.. (705)-675-1151, extension 272

2. Personnel involved in Outdoor Education, degree qualifications, status

   - Robert J. Rogers - M.A. - full time
   - P. Demeyre - M.A. - full time
   - K. Sidney - Ph.D. - full time
   - A. Salmoni - Ph.D. - full time
   - R. Danielson - Ph.D. - full time
   - R. Larwood - B.A. - part time

3. Courses offered, number of credits and type of courses

   - N.B.: 1 cr. = 15 hr. - 3 cr. - theory
   - Outdoor Education - 3 cr. - theory
   - Outdoor Recreation - 3 cr. - theory
   - Current Issues (Adventure Leadership) - 3 cr. - theory
   - Independent Study I - 3 cr. - theory
   - Independent Study II - 3 cr. - theory
   - Cold Weather Activities, Warm Weather Activities
     Independent Practicum I and II - practical 1.5 cr. each
   - Cross Country Skiing, Alpine Skiing, Orienteering = practical, 1 cr. each
   - Outdoor School I, II, III, IV - required elective non-credits (5.5 cr.).

4. Number of students per course and teacher/student ratio

   - Practical courses: 10 to 20 students; Ratio 1:15
   - Theory courses: 10 to 30 students; Ratio 1:30

5. Degree, diploma, program

   - The School offers a Certificate in Outdoor Education comprised of 48 credits plus 72 credits in the regular Physical Education Program. Off the 48 cr. in Outdoor Education, 24 cr. plus 5.5 non-credit requirements and electives are offered by the School and 24 cr. are taken in other Departments of the University.

6. Major sites used for courses

   - There is an Outdoor Center on Campus where equipment is issued or rented for all outdoor programs. These programs utilize 600 acres of wilderness, 5 lakes, sand beach, trail systems, orienteering courses. This constitutes the equivalent of many types of campus or outdoor centers.
   - Killarney Provincial Park, Wahnapitae River, Bruce Trail, Manitoulin Island.

7. Special characteristics

   - The focus of our program is leadership development for outdoor adventure activities. Emphasis is placed on acquiring practical experience in a broad variety of outdoor activities. Our unique feature is that virtually all activities can be practiced on our campus and the adjoining conservation area.

8. Other comments

   - International study tours with an Outdoor Education Theme are offered at least every second year.

UNIVERSITE LAVAL

NOTE: Deux Départements offrent actuellement des cours de plein air à l'Université Laval. Ce sont: I- l'Ecole de Réadaptation et II- le Département d'Education Physique.

I- Ecole de Réadaptation

1. Personne contact: Professeur Patrice Turcotte, directeur
   Ecole de Réadaptation
   Université Laval
   Cité Universitaire
   Ste-Foy, Québec
   G1K 7P4
   Tel.: (418)-656-5689

2. Personnel impliqué en plein air, qualifications, statut

   - Patrice Turcotte - M.Sc. - temps complet
   - Lucie Samson - M.Ed. - temps complet
   - Paul Pichard - M.Ed. - temps partiel

3. Cours offerts, nombre de crédits et genre de cours

   - N.B.: 1 cr. = 15 heures
   - Pédagogie et Plein Air (1er cycle) - 3 cr. - ½ pratique et ½ théorique
   - Conservation: Education et Action (2ième cycle) - 3 cr. - théorique
   - Environnement: Pédagogie et Didactique (2ième cycle) - 3 cr. - théorique

4. Nombre d'étudiants par cours et ratio professeurs/élèves

   - Cours pratique: 40 étudiants et plus; Ratio 1:12
   - Cours théorique: 35 étudiants maximum; Ratio 1:35

5. Degré, diplôme, programme

   - L'Ecole offre présentement 1 cours de plein air (3 cr.) au niveau 1er cycle et 2 cours (6 cr.) au 2ième cycle. Quatre cours (12 cr.) peuvent être pris dans d'autres départements de l'Université.

6. Principaux emplacements utilisés pour les cours

- Forêt Montmorency, Parc des Laurentides, a/s Faculté de Foresterie et de Géodésie, Université Laval, Ste-Foy, Québec, (Appartient à l'Université).
- Camp Oasis, Lac Simon, Cté Portneuf, Québec.

7. Caractéristiques spéciales

- Le cours "Pédagogie et Plein Air" porte essentiellement sur l'exploitation pédagogique du plein air au primaire avec accent sur les étapes de réalisation de la classe de plein air décentralisé.

8. Autres commentaires

- Depuis 1972, en moyenne, annuellement, 105 étudiants en formation initiale ou en perfectionnement, dans le cadre du programme de baccalauréat en enseignement primaire, suivent ce cours. Chaque section du cours est contingentée à 35 étudiants avec stage pratique en milieu forestier. Le nombre de section ne suffit pas entièrement à la demande.

II- Département d'Education Physique

1. Personne contact: Dr. George-André Nadeau
Département d'Education Physique
Faculté des Sciences de l'Education
PEPS (local 2150)
Université Laval
Cité Universitaire
Ste-Foy, Québec
G1K 7P4
Tél.: (418)-656-7834 (ou 5911)

2. Personnel impliqué en plein air, qualifications, statut

- George-André Nadeau - Ph.D. - temps complet
- Marcel Boulay - Ph.D. - temps complet
- Benoit Roy - Ph.D. - temps complet
- Julien Valières - Ph.D. - temps complet
- Germain Thériault - M.D. - temps complet

3. Cours offerts, nombre de crédits, genre de cours

N.B.: 1 cr. = 15 heures
- Introduction au plein air - 3 cr. - théorique - 1 stage (3 jours)
- Interprétation de la nature - 3 cr. - pratique et théorique
- Plein air: Curriculum et Régie - 3 cr. - théorique
- Education Plein Air: Practicum - 3 cr. - pratique et théorique
- Activités de Plein Air: Print. - Eté I - 3 cr. - pratique
- Activités de Plein Air: Hiver I - 3 cr. - pratique
- Activités de Plein Air: Print. - Eté II - 3 cr. - pratique
- Activités de Plein Air: Hiver II - 3 cr. - pratique

4. Nombre d'étudiants par cours et ratio professeurs/élèves

- Cours pratiques = 20 à 30 étudiants: Ratio = 1:10
- Cours théoriques = 40 étudiants et plus: Ratio = 1:125

5. Degré, diplôme, programme

- Le Département offre présentement une concentration en plein air. L'étudiant peut recueillir 30 crédits du Département d'Education Physique et 15 crédits de d'autres départements à l'intérieur de l'Institution.

6. Principaux emplacements utilisés pour les cours

- Forêt Montmorency dans le Parc des Laurentides (appartient à l'Université Laval).
- Bases de plein air, Parc Provincial des Laurentides.

7. Caractéristiques spéciales

- Approche multidisciplinaire avec composantes animation, écologie et activités. Le cours Interprétation de la Nature est un pré-requis pour tous les cours de plein air.

UNIVERSITY OF LETHBRIDGE

1. Contact Person: Dr. Hans G. Buhrmann
   Department of Physical Education
   Faculty of Arts and Science
   University of Lethbridge
   Lethbridge, Alberta
   T1K 3M4
   Tel.: (403)- 329-2680, extension 680

2. Personnel involved in Outdoor Education, degree qualifications, status

   - H.G. Buhrmann - Ph.D. - full time

3. Courses offered, number of credits, type of courses

   - N.B. - 1 cr. = 15 hours
   - Outdoor Recreation Activities - 2 cr. - practical
   - Special Studies - 2 cr. - practical and theory
   - Independent Studies I, II, III - 4 cr. - theory

4. Number of students per course and teacher/student ratio

   - Practical courses: 10 to 20 students: Ratio = 1:8 to 1:15
   - Theory courses: 1 to 10 students : Ratio = 1:1

5. Degree, diploma, program

   - The number of credits that a student may obtain in Outdoor Education is open but generally, it is around three. Other credits may be taken from other Departments within the University.

6. Major sites used for courses

   - Forest Reserves.

7. Special characteristics

   - Small classes, centered around wilderness experiences, teaching up-to-date skills.

MCGILL UNIVERSITY

1. Contact Person: Professor Margaret C. Walker
   Department of Physical Education
   Faculty of Education
   McGill University
   475 Pine Avenue West
   Montreal, Quebec
   H2W 1S4
   Tel.: (514)-392-8837

2. Personnel involved in Outdoor Education, degree, qualifications, status

   - M.C. Walker - M.A. - full time
   - Doug Riley - M.A. - full time
   - D. Nichol - M.A. - full time
   - G. Neil - Ph.D. - full time
   - G. Reid - Ph.D. - full time
   - D. Montgomery - Ph.D. - full time
   - B. Hoshisaki - Ph.D. - full time
   - J. Dallaire - Ph.D. - full time
   - R. Wilkinson - Ph.D. - full time
   - Students and Teaching Assistants - part time

3. Courses offered, number of credits, type of courses

   - Introduction to Outdoor Education - 3 cr. - 2 hr/w practical - 2 hr/w theory
   - Alpine skiing - 1 cr. - 24 hrs. practical
   - Winter Activities - 1 cr. - 24 hrs. practical
   - Summer Activities - 1 cr. - 24 hrs. practical
   - Ice Activities - 1 cr. - 24 hrs. practical

4. Number of students per course and teacher/student ratio

   - Practical courses: 20 to 30; Ratio: 1:10 to 20 depends on activity
   - Theory courses: 20 to 30; Ratio: 1:30

5. Degree, diploma, program

   - The Department offers five Outdoor Education courses for a total of 7 credits. In environmental studies, a number of courses are offered through the faculty of Science and through the Faculty of Agriculture (Macdonald College).

6. Major sites used for courses

   - Mont St.-Hilaire Nature Conservation Centre, 422 rue des Moulins, Mont St.-Hilaire, Québec (owned by McGill).
   - Camp Nominingue, Mont Royal, Old Farm, Mont Christie, Lac Lucerne.

7. Special characteristics

   - The Summer activity course is required for all P.E. Majors. They select their activities but they are responsible for all their own meal preparations for the seven days.

8. Other comments

   - Working towards Outdoor Education Credits within a M.A.(P.E.) program. Waiting for approval for this total proposal.

MCMASTER UNIVERSITY

1. Contact Person: Professor Fred Moyies, chairman
   School of Physical Education and Athletics
   Faculty of Social Sciences
   McMaster University
   Hamilton, Ontario
   L9G 3C9
   Tel.: (416)-525-9140, extension 4462

2. Personnel involved in Outdoor Education, degree qualifications, ststus

   - Fred Moyies - M.Ed. - full time

3. Courses offered, number of credits, type of courses

   - Canoeing I - 24 hours - practical
   - Wilderness canoeing - 24 hours - practical
   - Sailing - 24 hours - practical
   - Adventure Initiative Dynamics - 24 hours - practical

   N.B. Each course has a theory component.

4. Number of students per course and teacher/student ratio

   - Practical courses: 40 students and up: Ratio = 1:15

5. Degree, diploma, program

   - Presently, a student may take 3 practicum units in Outdoor Education on a possibility of 4.

6. Major sites used for courses

   - Private Camp.

UNIVERSITY OF MANITOBA

1. Contact Person: Professor Tom Fulton
   School of Physical Education
   University of Manitoba
   Winnipeg, Manitoba
   R3T 2N2
   Tel.: (204)-474-9255

2. Personnel involved in Outdoor Education, degree qualifications and status

   - Tom Fulton - M.P.E. - Part time

3. Courses offered, number of credits and type of course

   - N.B.: 1 cr. = 15 hrs.
   - Wilderness Leadership - 3 cr. - theory
   - Wilderness Activities - 2 cr. - practical
   - Cross-Country Skiing - 1 cr. - practical
   - Orienteering - 1 cr. - practical

4. Number of students per course and teacher/student ratio

   - Practical courses: 20 to 30 students per course: Ratio 1:20
   - Theory courses: 20 to 30 students per course: Ratio 1:20 to 30

5. Degree, diploma, program

   - The School offers various courses in Outdoor Education for a total of 7 credits (4 courses), all this within the regular program.

6. Major sites used for courses

   - Riding Mountain National Park, Whiteshell Provincial Park, Spruce Woods Provincial Park, Sandilands Provincial Forest.

7. Special characteristics

   - The courses are very practical ranging from equipment knowledge to leadership training. Emphasis is on identifying ones own limitations and safety. We also make a lot of clothing required for outdoor activities.

8. Other comments

   - The course is a very small priority within the School. It is unfortunate as it is tremendously well received by the students. There is always a waiting list of 25-30 students.

MEMORIAL UNIVERSITY OF NEWFOUNDLAND

1. Contact Person: Dr. Frank O'Connor
   Coordinator, Outdoor Activities
   School of Physical Education and Athletics
   Memorial University of Newfoundland
   St. John's, Newfoundland
   A1C 5S7
   Tel.: (709)-737-8668 or 8129

2. Personnel involved in Outdoor Education, degree qualifications and status

   - Frank O'Connor - Ed.D. - full time
   - Keith Taylor - M.Ed. - full time

3. Courses offered, number of credits and type of courses

   - Outdoor Activities "A" (Fall) includes sailing, canoeing, orienteering, canoe camping - ½ credit - theory and practical
   - Outdoor Activities "B" (Winter) includes X-C Skiing, survival, map & compass, ski camping - ½ credit - theory and practical.

4. Number of students per course and teacher/student ratio

   - Practical courses = 30 to 40 students: Ratio = 1:10
   - Theory courses = 30 to 40 students: Ratio = 1:20

5. Degree, diploma, program

   - The School offers two compulsory Outdoor Education courses for a total of 1 credit (½ a credit each).

6. Major sites used for courses

   - C.A. Pippy Park, St. John's, Newfoundland
   - Any Crown Land.

7. Special characteristics

   - This is a course designed to "expose" students to outdoor activities. Compulsory for all P.E. students. To emphasize activities which they are not generally familar with and to give them a minimum level of skill in each area.

8. Other comments

   - Started 3 years ago (Fall 1978), the course met with some opposition on grounds of a lot of time for only 1 credit. Now it is one of more rewarding courses as it gives a dimension to their training not previously experienced.

UNIVERSITE DE MONCTON

1. Personne contact: M. Daniel O'Carroll
   Responsable du secteur académique
   Département d'Education Physique et de Loisirs
   Université de Moncton
   Centre Universitaire de Moncton
   Moncton, Nouveau Brunswick
   E1A 3E9
   Tél.: (506)-858-4165

2. Personnel impliqué en plein air, qualifications, status

   - Daniel O'Carroll - M.E.P. - Temps complet
   - Alphonse Caissie - M.E.P. - Temps complet
   - Yvette Finn - M. Loisir - Temps complet
   - Jean Nowlan - M.E.P. - Temps complet

3. Cours offerts, nombre de crédits et genre de cours

   - N.B.: 1 cr. = 15 heures théoriques, 1 cr. = 30 heures pratiques
   - Théorie du camping - 3 crédits - théorique
   - Plein air vert - 1 crédit - pratique
   - Plein air blanc - 1 crédit - pratique
   - Ski de fond - 1 crédit - pratique
   - Canot camping - 1 crédit - pratique
   - Orientation - 1 crédit - pratique

4. Nombre d'étudiants par cours et ratio professeurs/élèves

   - Cours pratiques: 30 à 40 étudiants: Ratio 1:10
   - Cours théoriques: 30 à 40 étudiants: Ratio 1:40

5. Degré, diplôme, programme

   - Le Département offre des cours variés en plein air soit un total de six cours (5 activités: 1 cr. chaque et 1 théorique: 3 cr.). Il est également possible d'aller chercher un autre 3 crédits dans un autre Département de l'Université.

6. Principaux emplacements utilisés pour les cours

   - Parc National Kouchibouguac, Parc du Centenaire (municipal) sentiers écologiques sur campus de l'Université.

7. Caractéristiques spéciales

- Le camp de plein air qui constitue une expérience particulière se réalise à la fin août-début septembre de chaque année. Les étudiants y séjournent de 10 à 15 jours et y vivent des expériences de canot, excursion, solo, animation, randonnée, etc... Pour un bon nombre d'entre eux, ceci constitue une expérience des plus particulières.

8. Autres commentaires

- Il serait possible, dans un avenir rapproché, d'offrir une concentration plein air à l'intérieur du baccalauréat en loisirs offert par le Département.

UNIVERSITE DE MONTREAL

1. Personne Contact: Dr. Kristina Skrotzky
   Département d'Education Physique
   Université de Montréal
   C.P. 6128, Succursale "A"
   Montréal, Québec
   H3C 3J7
   Tél.: (514)-343-7782 (ou 6151)

2. Personnel impliqué en Plein Air, qualifications, status

   - Kristina Skrotzky - Ph.D. - temps complet

3. Cours offerts, nombre de crédits et genre de cours

   - N.B.: 1 cr. = 15 heures
   - Plein Air - 3 crédits - théorique (avec "laboratoires")

4. Nombre d'étudiants par cours et ratio professeurs/élèves

   - Cours pratiques: 40 étudiants et plus: Ratio: 1:11
   - Cours théoriques: 40 étudiants et plus: Ratio: 1:50

5. Degré, diplôme, programme

   - Le Département offre présentement 1 cours (3 cr.) en Plein Air à l'intérieur de son programme de baccalauréat. Le programme actuel est en revision.

6. Principaux emplacements utilisés pour les cours

   - Base de Plein Air Le Carrefour, Parc Provincial de La Vérendrye.

7. Caractéristiques spéciales

   - Accent mis sur la compréhension du phénomène entier "Plein Air" (philosophie vécue, éco-système et protection de l'environnement, connaissance de la nature); les activités servent à atteindre les objectifs.

8. Autre commentaires

   - Il serait intéressant de pouvoir offrir des cours de "perfectionnement" ainsi que des activités pratiques de plein air. Notre programme est en train d'être revisé: nous espérons pouvoir élargir l'aspect "plein air".

MOUNT ALLISON UNIVERSITY

NOTE: Mount Allison does not offer Physical Education or related courses. Mount Allison sponsors Outdoor Education as part of their recreation program.

1. Contact Person: Mr. Leon Abbot
Director of Athletics
Department of Athletics and Recreation
Sackville, New Brunswick
E0A 3C0
Tel.: (506)-536-2040, extension 244

MOUNT SAINT VINCENT UNIVERSITY

NOTE: Mount Saint Vincent University does not offer program or courses in Outdoor Education.

1. Contact Person: Dr. Laurie Walker, chairman
Education Department
Mount Saint Vincent University
166 Bedford Highway
Halifax, Nova Scotia
B3M 2J6
Tel.: (902)-443-4450, extension 180

UNIVERSITY OF NEW BRUNSWICK

NOTE: Two Faculties presently offer courses in Outdoor Education at the University of New Brunswick. They are: I- The Faculty of Physical Education and Recreation and, II- The Faculty of Education.

I. Faculty of Physical Education and Recreation

1. Contact Person: Professor Gwen McKay
   Faculty of Physical Education and Recreation
   University of New Brunswick
   Fredericton, New Brunswick
   E3B 5A3
   Tel.: (506)-453-4575

2. Personnel involved in Outdoor Education, degree qualifications, status

   - Gwen McKay - M.F. (forestry) - full time
   - assistants - part time

3. Courses offered, number of credits and type of courses

   - N.B.: 1 cr. = 15 hrs.
   - Canoe Camp I - 3 cr. - practical
   - Canoe Camp II - 3 cr. - practical
   - Fall Outdoor Recreation - 1½ cr. - practical
   - Winter Outdoor Recreation - 1½ cr. - practical
   - Introduction to Outdoor Recreation - 3 cr. - theory
   - Outdoor Rec.: Economics and Management - 3 cr. - theory
   - Outdoor Rec.: Facility Design - 3 cr. - theory
   - Outdoor Rec.: Program Planning - 3 cr. - theory

4. Number of students per course and teacher/student ratio

   - Practical courses - 10 to 20 students - Ratio 1:20 plus assistants.
   - Theory courses - 10 to 20 students - Ratio 1:10 to 20

5. Degree, diploma, program

   - The Faculty offers 9 credits of outdoor activity courses (4 courses) and 6 credits (2 courses) of theory courses: Another 12 credits may be picked up in other Departments within the University. There is neither specialization or recognized concentration in Outdoor Education.

6. Major sites used for courses

   - Grand Lake Rotary Camp, "Y" Camp at Magaguadavic Lake, Bathurst Pilot Project, Mount Carleton Provincial Park, Baxter State Park, Camp Glenburn, "Y" Camp in St. John.

7. Special characteristics

   - Excellent practical experiences and excellent opportunities to take advantage of other Faculty offerings e.g. Forestry, Biology, Engineering ... all of which relate directly to Outdoor Education/Outdoor Recreation.

II. Faculty of Education

1. Contact Person: Professor John Bell, assistant dean
   Department of Curriculum and Instruction
   Faculty of Education
   University of New Brunswick
   Fredericton, New Brunswick
   E3B 6E3
   Tel.: (506)-453-3527

2. Personnel involved in Outdoor Education, degree qualifications, status

   - G. Whiteford - Ph.D. - full time
   - G. Clarke - Ph.D. - full time
   - Chas Catesitri - M.Ed. - full time
   - J.I. Morrisey - Ph.D. - full time

3. Courses offered, number of credits and type of courses

   - N.B.: 1 cr. = 15 hrs.
   - Outdoor Education - 3 credits - practical and theory

4. Number of students per course and teacher/student ratio

   - Practical courses: 20 to 30 students: Ratio = 1:8

5. Degree, diploma, program

   - The Faculty offers one elective Outdoor Education Course (3 cr.) as part of the B.Ed. program.

6. Primary sites used for courses

   - Baxter State Park (Maine), Mt. Carleton Provincial Park, Deer Island, Mactaquac Provincial Park, Kingston Peninsula, Kings Landing Settlement (historical).

7. Special characteristics

- A diversity of environments, a diversity of studies, the pursuit of which requires specific skills in living and moving in the outdoors.
- Practice in the recognition of the unique aspects of an environment as it may affect the teacher.

UNIVERSITE D'OTTAWA

NOTE: Trois Départements offrent présentement des cours de plein air à l'Université d'Ottawa. Ce sont: I- Le Département d'Education Physique; II- Le Département de Récréologie; III- La Formation des Enseignants. Egalement, l'Université d'Ottawa est reconnue comme Université bilingue: la version anglaise du présent texte fait immédiatement suite au texte français.

I- Département d'Education Physique

1. Personne contact: Dr. Jacques Grenier
   Département d'Education Physique
   Ecole des Sciences de l'Activité Physique
   Faculté des Sciences de la Santé
   Université d'Ottawa
   Ottawa, Ontario
   K1N 6N5
   Tél.: (613)-231-5915

2. Personnel impliqué au plein air, qualifications, statut

   - Jacques Grenier - Ph.D. - temps complet
   - Roger Proulx - Ph.D. - temps complet
   - Léo Deschesnes - M.E.P. - temps complet
   - Guy Tanguay - M.E.P. - temps partiel
   - Gerry Fassett - B.Sc. - temps partiel
   - Claude Cousineau - D.Ed. - temps partiel
   - Marie Benoit - M.Sc. - temps partiel

3. Cours offerts, nombre de crédits, genre de cours

   - N.B.: 1 crédit = 15 heures
   - Education au Plein Air: Eté - 4 cr. - pratique
   - Education au Plein Air: Hiver - 4 cr. - pratique
   - Orientation et Ski de Fond - 3 cr. - théorique & pratique
   - Découverte du Milieu - 4 cr. - théorique & pratique
   - Projet de Recherche - 3 cr. - théorique
   - Internat - 3 cr. - pratique
   - Etudes Dirigées - 3 cr. - théorique

4. Nombre d'étudiants par cours et ratio professeurs/élèves

   - Cours pratiques = 30 à 40 étudiants, ratio = 1:10
   - Cours théoriques = aucune limite pour 1 professeur.

5. Degré, diplôme, programme

- Le département offre une concentration en plein air comportant 33 crédits, 9 crédits étant offerts par d'autres départements (total de 10 cours), à l'intérieur du programme spécialisé en éducation physique (B.E.P.).

6. Principaux emplacements utilisés pour les cours

- Camp de l'Université d'Ottawa, Lac Petit Poisson Blanc, Gracefield, Québec (appartient à l'Université).
- Ferme Yuketaw, Thurso, Québec.
- Sites canadiens et américains choisis en fonction d'attraits bien spécifiques (montagnes, mer, endroits naturels, historiques).

7. Caractéristiques spéciales

- L'ensemble des cours de plein air est orienté vers la découverte du potentiel éducatif de la vie de groupe (petit, moyen ou gros) dans une atmosphère et un environnement naturels propices: très peu de temps est alloué à l'apprentissage technique et à la réalisation de performance. Les cours de plein air se veulent donc une suite progressive d'apprentissage par expériences guidées et situations provoquées qui aidera chacun à développer ses valeurs fondamentales personnelles, sa propre confiance, sa sensibilité intérieure et sa capacité physique.

8. Autres commentaires

- Les cours de plein air sont conduits de façon à permettre à l'étudiant à se prendre graduellement en main et à s'actualiser personnellement par des contacts directs et tangibles à différents milieux et situations (naturel, culturel, social, urbain...).

II- Département de Récréologie

1. Personne contact: Dr. Claude Cousineau
Département de Récréologie
Faculté des Sciences Sociales
Université d'Ottawa
Ottawa, Ontario
K1N 6N5
Tél.: (613)-231-2996

2. Personnel impliqué en plein air, qualifications, status

   - Claude Cousineau - D.Ed. - temps complet
   - Gaston Lemire - B.E.P. - temps partiel
   - des assistants - temps partiel

3. Cours offerts, nombre de crédits, genre de cours

   - N.B.: 1 cr. = 15 heures
   - Fondements de l'Education au Plein Air - 3 cr. - théorique
   - Analyse du Comportement en Plein Air - 3 cr. - théorique et pratique
   - Planification des Sites Récréatifs - 3 cr. - théorique
   - Gestion des Ressources Récréatives - 3 cr. - théorique
   - Tourisme - 3 cr. - théorique
   - Théories des Ensembles et Espaces Récréatifs - 3 cr. - théorique

4. Nombre d'étudiants par cours et ratio professeurs/élèves

   - Cours pratiques: 20 à 30 étudiants - ratio = 1:10
   - Cours théoriques: aucune limite pour 1 professeur

5. Degré, diplôme, programme

   - Le département offre deux cours en plein air (6 crédits). Les étudiants peuvent aller chercher 15 crédits dans d'autres départements. Des cours connexes sont également offerts par le département.

6. Principaux emplacements utilisés pour les cours

   - Camp de l'Université d'Ottawa, Lac Petit Poisson Blanc, Gracefield, Québec (Appartient à l'Université).
   - Camp Air-Eau-Bois, Poltimore, Québec.
   - Harris Farm Lodge, Lac Heney, Québec.

7. Caractéristiques spéciales

   - Etudiants avec antécédants sur l'étude de l'homme et de son loisir.

III- Formation des Enseignants

1. Personne Contact: Professeur Léo Deschênes
   Responsable de l'Education Physique
   Formation des Enseignants
   Faculté d'Education
   Université d'Ottawa
   Ottawa, Ontario
   K1N 6N5
   Tél.: (613)-231-6866

2. Personnel impliqué en plein air, qualifications et statut

- Léo Deschênes - M.E.P. - temps complet
- Guy Tanguay - M.E.P. - temps partiel
- invités et assistants - temps partiel

3. Cours offerts, nombre de crédits et genre de cours

- N.B.: 1 cr. = 15 heures
- Utilisation Pédagogique de l'Environnement - 3 cr. - théorique et pratique
- Education Physique et le Plein Air (1-6) - 3 cr. - théorique et pratique
- Education Physique et le Plein Air (7-13) - 3 cr. - théorique et pratique
- Séminaire sur les Intégrations Scolaires en Activité Physique (dont 1 cr. en Plein Air) - 3 cr. - théorique et pratique.

4. Nombre d'étudiants par cours et ratio professeurs/élèves

- Cours pratiques et théoriques: 10 étudiants - ratio = 1:10

5. Degré, diplôme, programme

- Le département offre des cours variés (9 cr. = 3 cours) en plein air à l'intérieur des cours requis au niveau de la formation des enseignants pour l'obtention du certificat.

6. Principaux emplacements utilisés pour les cours

- Camp Notre-Dame de la Rouge, Calumet, Québec.
- Région du Camp de l'Université d'Ottawa, Gracefield, Québec.

7. Caractéristiques spéciales

- Cours orientés en fonction des futurs maîtres en exercice en Education Physique pour l'Ontario.

UNIVERSITY OF OTTAWA

NOTE: Three Departments presently offer courses in Outdoor Education at University of Ottawa. They are: I- The Department of Physical Education of the School of Human Kinetics; II- The Department of Recreology of the School of Social Sciences; III- "La Formation des Enseignants" (Teachers College) of the Faculty of Education. The University of Ottawa is also recognized as a bilingual University: the French portion of this text precedes the English one in this document.

I. Department of Physical Education

1. Contact Person: Dr. Jacques Grenier
   Department of Physical Education
   School of Human Kinetics
   Faculty of Health Sciences
   University of Ottawa
   Ottawa, Ontario
   K1N 6N5
   Tel.: (613)-231-5915

2. Personnel involved in Outdoor Education, degree qualifications, status

   - Jacques Grenier - Ph.D. - full time
   - Roger Proulx - Ph.D. - full time
   - Léo Deschênes - M.E.P. - full time
   - Guy Tanguay - M.E.P. - part time
   - Gerry Fassett - M.Sc. - part time
   - Claude Cousineau - Ed.D. - part time
   - Marie Benoit - M.Sc. - part time

3. Courses offered, number of credits, type of courses

   - N.B.: 1 cr. = 15 hours.
   - Outdoor Education: Summer - 4 cr. - practical
   - Outdoor Education: Winter - 4 cr. - practical
   - Orienteering & Cross Country Skiing - 3 cr. - practical & theory
   - Education to Adventure - 4 cr. - theory & practical
   - Undergraduate Research Project - 3 cr. - theory
   - Internship - 3 cr. - practical
   - Individual Studies - 3 cr. - theory

4. Number of students per course and teacher/student ratio

   - Practical courses: 30 to 40 students: ratio 1:10
   - Theory courses: no limit; open: ratio 1:80+

5. Degree, diploma, program

   - The Department offers a concentration in Outdoor Education with a total of 33 credits (10 courses), 9 credits (3 courses) coming from other Departments within the University, all this within the regular specialized B.P.E. program.

6. Major sites used for courses

   - University of Ottawa Camp in Gracefield, Québec (Lac Petit Poisson Blanc). This Camp is owned by the University of Ottawa.
   - Ferme Yuketaw in Thurso, Québec.
   - Selected Canadian and American Mountain and Coastal Areas and Natural sites.

7. Special characteristics

   - In general, the Outdoor Education courses are oriented towards the discovery of the educational potential of life in a group atmosphère (small, medium or large group): A minimum amount of time is given to the learning of skills and to the performance of these skills. Therefore, the Outdoor Education courses are designed as a series of guided experiences and induced situations to help everyone discover and develop their personal fundamental values along with their physical fitness. Thus, emphasis is learning to use and to teach the use of the environment in the various seasons.

8. Other comments

   - The Outdoor Education courses are conducted in a way to enable each student to take in hand his/her own physical, intellectual, emotional and social capacities and resources. The various courses give the students the chance to experience direct and tangible contacts with several environment (natural, cultural, social, urban...).

II- Department of Recreology

1. Contact Person: Dr. Claude Cousineau
   Department of Recreology
   Faculty of Social Sciences
   University of Ottawa
   Ottawa, Ontario
   K1N 6N5
   Tel.: (613)-231-2996

2. Personnel involved in Outdoor Education, degree qualifications, status

   - Claude Cousineau - Ed.D. - full time
   - Gaston Lemire - B.E.P. - part time
   - some assistants - P.E. part time

3. Courses offered, number of credits, type of courses

   - N.B.: 1 cr. = 15 hours
   - Foundations of Outdoor Education - 3 cr. - theory
   - Wilderness Recreation Behavior Analysis - 3 cr. - practical & theory
   - Site Design for Leisure Behavior - 3 cr. - theory
   - Recreation Resource Conservation - 3 cr. - theory
   - Recreation Open Space Systems & Planning - 3 cr. - theory
   - Tourism - 3 cr. - theory

4. Number of students per course and student/teacher ratio

   - Practical courses: 20 to 30 students: Ratio 1:10
   - Theory courses: no limit: open: Ratio 1:80 +

5. Degree, diploma, program

   - The Department offers two Outdoor Education courses (6 credits). Students may take up to 15 cr. from other Departments within the University. Courses related with Outdoor Education are also offered by the Department.

6. Major sites used for courses

   - University of Ottawa Camp in Gracefield, Québec (Lac Petit Poisson Blanc). This Camp is owned by the University of Ottawa.
   - Camp Air-Eau-Bois in Poltimore, Québec, and Harris Farm Lodge in Lake Heney, Québec.

7. Special characteristics

   - Students with background on the study of man and his leisure.

III- Formation des Enseignants (Teachers College)

NOTE: Since "la Formation des Enseignants" of the Faculty of Education of the University of Ottawa is French, please refer to the French part of "Université d'Ottawa" (III: Formation des Enseignants) of this document.

UNIVERSITY OF PRINCE EDWARD ISLAND

NOTE: The University of Prince Edward Island does not offer any program in Outdoor Education.

1. Contact Person: Mr. Ed Hilton, director
Department of Physical Education, Recreation and Athletics
University of Prince Edward Island
Charlottetown, Prince Edward Island
C1A 4K4
Tel.: (902)-892-4121, extension 135

UNIVERSITE DU QUEBEC A CHICOUTIMI

1. Personne contact: Dr. André-François Bourbeau
   Responsable du Plein Air
   Module des Sciences de l'Activité Physique
   Université du Québec à Chicoutimi
   930 est, Jacques Cartier
   Chicoutimi, Québec
   Tél.: (418)-545-5401

2. Personnel impliqué en plein air, qualifications, statut

   - André F. Bourbeau - Ed.D. - temps complet
   - Mario Bilodeau - M.A. - temps complet
   - Une dizaine de spécialistes "chargés de cours" - temps partiel

3. Cours offerts, nombre de crédits, genre de cours

   - N.B.: 1 cr. = 15 heures
   - Canot-camping, kayak, voile - 3 cr. - pratique
   - Ski de randonnée, ski alpin, camping d'Hiver - 3 cr. - pratique
   - Chasse, pêche, trappe - 3 cr. - pratique
   - Cyclo-tourisme, escalade, orientation - 3 cr. - pratique
   - Fondement et philosophie du plein air - 3 cr. - théorique
   - Education et récréation en plein air - 3 cr. - surtout théorique
   - Leadership en plein air - 3 cr. - surtout théorique
   - Didactique du plein air à l'élémentaire - 1 cr. - théorique & pratique
   - Didactique du plein air au secondaire - 1 cr. - théorique & pratique

4. Nombre d'étudiants par cours et ratio professeurs/élèves

   - Cours pratiques - 10 à 20 étudiants: Ratio 1:5 à 1:15
   - Cours théoriques - 20 à 30 étudiants: Ratio 1:30

5. Degré, diplôme, programme

   - Le Module offre présentement une concentration en Education au Plein Air (9 crédits) à l'intérieur du Bac. en Education Physique. Actuellement, 22 crédits de plein air sont au programme du Module.

6. Principaux emplacements utilisés pour les cours

   - Mont Valin, Club Bec-Scie, Parc des Laurentides, Mont Lac Vert, Parc Rivière du Moulin, St-Urbain, Rivière Ste-Marguerite, CEPAL.

7. Caractéristiques spéciales

- L'Université est très intéressée au développement du plein air et le milieu ici est fantastique et s'y prête bien: montagnes, lacs, rivières, forêts, etc...

8. Autres commentaires

- On parle d'un certificat plein air, spécialisation plein air et bacc. plein air pour très bientôt. Une maîtrise plein air est prévue pour septembre 1982.
- Le service de Sports et de Loisirs offre au moins deux activités de plein air par semaine, et beaucoup de colloques et de salons plein air ont été organisés.
- Un système d'autobus est disponible en tout temps pour les activités de plein air et l'Université offre un service de prêt d'équipement de plein air assez complet.

UNIVERSITE DU QUEBEC A MONTREAL

NOTE: La préoccupation du Plein Air à l'Université se situe pour l'instant au Département de Kinanthropologie. Par contre, la Famille Formation des Maîtres prévoit l'ouverture d'un Certificat Plein Air pour janvier 1982.

I- Département de Kinanthropologie.

1. Personne contact: Professeur Joanne Sarrasin, directeur
   Modules des Certificats en Education
   Département de Kinanthropologie
   Université du Québec à Montréal
   1301, rue Sherbrooke est
   C.P. 8888, succursale "A"
   Montréal, Québec
   H3C 3P8
   Tél.: (514)-282-3705

2. Personnel impliqué en plein air, qualifications, statut

   - Joanne Sarrasin - M.Ed. - temps complet
   - Bernard Miron - M.Ed. - temps partiel
   - René Bolduc - M.Ed. - temps complet

3. Cours offerts, nombre de crédits, genre de cours

   - N.B.: 1 cr. = 15 heures
   - Activité de plein air - 3 cr. - pratique
   - Plein Air Pédagogique - 3 cr. - théorique et pratique
   - Ski de fond - 3 cr. - pratique
   - Introduction à l'écologie - 3 cr. - théorique
   - Bio-géographie - 3 cr. - théorique
   - Tourisme et environnement - 3 cr. - théorique
   - Stage d'enseignement I - 3 cr. - pratique
   - Stage d'enseignement II - 3 cr. - pratique

4. Nombre d'étudiants par cours et ratio professeurs/élèves

   - Cours pratiques - 40 étudiants et plus: Ratio 1:15
   - Cours théoriques - 40 étudiants et plus: Ratio 1:35

5. Degré, diplôme, programme

   - Le Département offre présentement des cours variés en éducation au plein air, soit un total de 21 crédits, à l'intérieur du Bacc en Education Physique. Il est possible d'accumuler 15 crédits à l'intérieur du Bacc en Education Pré-Scolaire-Elémentaire.

6. Principaux emplacements utilisés pour les cours

   - Centre d'Accès à la Nature, Municipalité Lac Supérieur, Québec, (appartient à l'Université).
   - Base de Plein Air, P'tit Bonheur, Base de Plein Air La Boulé, Parc du Mont Tremblant

7. Caractéristiques spéciales

   - Orientation vers plein air comme phénomène global, multiformes et multidimensionnels ayant des incidences sur plusieurs aspects d'une société (santé physique et mentale, culture, économie).

8. Autres commentaires

   - Un modeste centre de documentation en plein air se développe à la bibliothèque du Pavillon Lafontaine.

UNIVERSITE DU QUEBEC A TROIS-RIVIERES

NOTE: Deux Départements oeuvrent présentement en plein air à l'Université du Québec à Trois-Rivières. Ce sont: I- Le Département des Sciences de l'Activité Physique et, II- Le Département de Récréologie.

I- Département des Sciences de l'Activité Physique

1. Personne contact: Dr. André Quirion, directeur
   Département des Sciences de l'Activité Physique
   Université du Québec à Trois-Rivières
   3351, boulevard des Forges
   Trois-Rivières, Québec
   G9A 5H7
   Tél.: (819)-376-5311, extension 1014

2. Personnel impliqué en plein air, qualifications et statut

   - Philippe Giroul - B.E.P. - temps partiel
   - Alex Legrow - B.E.P. - temps partiel
   - Junior Martin - B.E.P. - temps partiel
   - Guy Lebel - B.E.P. - temps partiel
   - Spécialistes des Fédérations québécoises - temps partiel

3. Cours offerts, nombre de crédits et genre de cours

   - N.B.: 1 cr. = 15 heures
   - Voile et canot - 3 cr. - pratique
   - Escalade et kayak - 3 cr. - pratique
   - Ski de fond et de randonnée - 3 cr. - pratique
   - Ski alpin - 1½ cr. - pratique
   - Stage de plein air - 3 cr. - pratique
   - Plein Air pédagogique (élémentaire) - 3 cr. - pratique et théorique

4. Nombre d'étudiants par cours et ratio professeurs/élèves

   - Cours pratiques: 40 étudiants et plus: Ratio 1:12
   - Cours théoriques: 10 à 20 étudiants: Ratio 1:30

5. Degré, diplôme, programme

   - Le Département offre 16½ crédits en éducation au plein air, mais un étudiant ne peut pas accumuler plus de 9 crédits. Il est possible de recevoir 6 crédits de d'autres Départements à l'intérieur de l'Université.

6. Principaux emplacements utilisés pour les cours

   - Parc national de la Mauricie, Centre de voile de l'Ile St-Quentin, Base de Plein Air "La Bouffée d'Air".

7. Autres commentaires

   - Nous faisons appel aux spécialistes des fédérations québécoises pour la majorité des cours pratiques et théoriques dans les diverses disciplines.

II- Département de Récréologie

1. Personne contact: M. Gilles Pronovost
   Département de Récréologie
   Université du Québec à Trois-Rivières
   3351, boulevard des Forges
   Trois-Rivières, Québec
   G9A 5H7

QUEEN'S UNIVERSITY

NOTE: Outdoor Education is the responsibility of two units at Queen's University. They are: I- The School of Physical Education and II- The Faculty of Education.

I- School of Physical Education

1. Contact Person: Professor Rolf T. Lund
   School of Physical Education
   Queen's University
   Kingston, Ontario
   K7L 3N6
   Tel.: (613)-547-3027

2. Personnel involved in Outdoor Education, degree qualifications, status

   - Rolf T. Lund - M.P.E. - full time
   - John Albinson - Ph.D. - full time
   - Anne Turnbull - M.A. - full time
   - Sessional instructors - part time

3. Courses offered, number of credits, type of courses

   - Camp School I: canoe tripping - 36 hours - practical
   - Camp School II: orienteering, rock climbirg, sailing, backpacking - 36 hours - practical & theory
   - Ski School: Nordic & Downhill - 36 hours - practical
   - Directed Study - 36 hours - theory

4. Number of students per course and teacher/student ratio

   - Practical courses: 40 students and up: Ratio: 1:10
   - Theory courses: 40 students and up: Ratio: 1:30

5. Degree, diploma, program

   - The School presently offers various courses in Outdoor Education and the maximum number of credits that a student may obtain in Outdoor Education is 1.5 credits within the regular program.

6. Major sites used for courses

   - Algonquin Provincial Park, Local Conservation Areas, Camp Fortune (ski).

7. Special characteristics

- We offer a somewhat unique canoe tripping camp as an introduction to Outdoor Education. Canoe is the means by which the environment is introduced to the students.
- During the Winter, skis and snowshoes serve a similar purpose.

8. Other comments

- Our entire program is compulsory ... That is all students take the three Outdoor Education courses as part of the degree requirements. An additional requirement is swimming ... Students must pass a rigorous swim test as part of the Outdoor Education requirement.

II- Faculty of Education

1. Contact Person: Professor Bob Pieh, coordinator
Outdoor and Experiential Education
Faculty of Education
Queen's University
Kingston, Ontario
K7L 3N6
Tel.: (613)-547-5936

2. Personnel involved in Outdoor Education, degree qualifications, status

- Bob Pieh - M.S. - full time
- Margueritta Kluensch - M.A. - full time
- Bert Horwood - M.S. - full time
- Larry O'Grady - M.A. - part time
- Charles Hopkins - M.S. - part time
- Assistants, visiting lecturers, and adjunct. faculty.

3. Courses offered, number of credits, type of courses

- 10 days residential setting, orientation, immersion, needs and resources census
- Two 6-week appropriate internship in North America
- 5 day residential debriefing and B.Ed. program planning
- On site observation and comparative study of selected outdoor and other experiential education programs: Integrating Seminar
- A 5-week internship
- Wilderness debriefing

4. Number of students per course and teacher/student ratio

- practical courses
- theory courses

} 40 students and up: Ratio: 1:8

5. Degree, diploma, program

   - The Faculty offers a specialization in Outdoor Education. More specifically, it is a post-baccalaureate (8-10 credit hours) cooperative program which includes supervised internships and leads to a B.Ed. degree, an Ontario Teaching Certificate, and the completion of Environmental Science, parts I and II. Admitted students must have an approved undergraduate degree: admission to the cooperative program is limited.

6. Major sites used for courses

   - Open Country Centre (Elginburg, Ontario), Frontenac Wilderness Park in Kingston, Sites in Northwest North American Mountain and Coastal Areas, Selected urban situations and local conservation areas.

7. Special characteristics

   - The program is intended to facilitate integration and to accommodate both individual choice and institutional prescription. The program is trans-disciplinary and based on experiential education theory with emphasis on process skills including technologies appropriate to a variety of environmental contexts. Also considered is the development, organization, articulation, maintenance, administration, evaluation and research needs and implications of outdoor, environmental and other forms of experiential education.

8. Other comments

   - The program is designed to prepare candidates to function effectively in schools and other agencies where people are helped to acquire intellectual, affective and recreational skills. It is possible for qualified candidates to obtain certification in environmented-teaching concentrations while building their professional preparation around the diversified field of outdoor education.

UNIVERSITY OF REGINA

1. Contact Person: Professor Donald J. Clark
   Acting Director
   Faculty of Physical Education
   University of Regina
   Regina, Saskatchewan
   S4S 0A2
   Tel.: (306)-584-4373

2. Personnel involved in Outdoor Education, degree qualifications, status

   - N.B. Sherlock - M.Ed. - full time
   - D.J. Clark - M.Sc. - full time
   - E.A. Nicholls - M.Sc. - full time

3. Courses offered, number of credits, type of courses

   - N.B.: 1 cr. = 18 hours
   - Canoeing - 1 cr. - practical
   - Camping - 1 cr. - practical
   - Orienteering - 1 cr. - practical
   - Advanced Canoeing - 1 cr. - practical

4. Number of students per course and teacher/student ratio

   - Practical courses: 10 to 20 students: Ratio 1:6

5. Degree, diploma, program

   - The Faculty is offering various courses in Outdoor Education for a total amount of 4 credits (4 courses); eight credits may be obtained from other departments within the University.

6. Major sites used for courses

   - Wascana Centre, Buffalo Pound Lake Provincial Park, Pasqua Lake Provincial Park, and various locations in Northern Saskatchewan.

7. Special characteristics

   - The courses are designed for teacher preparation.

ST. FRANCIS XAVIER UNIVERSITY

1. Contact Person: Professor Lou J. Bilek
   Department of Physical Education
   Faculty of Science
   St. Francis Xavier University
   Antigonish, Nova Scotia
   B2G 1C0
   Tel.: (902)-867-2234

2. Personnel involved in Outdoor Education, degree qualifications, status

   - Lou J. Bilek - M.A. - full time
   - Roy Rasmusen - Ph.D. - full time

3. Courses offered, number of credits, type of courses

   - N.B.: 1 cr. = 24 hrs.
   - Summer Outdoor Camp - 2 cr.: 1 week - practical & theory
   - Winter Outdoor Recreation - 2 cr.: 24 hrs - practical & theory
   - Cross-Country Skiing - 1 cr.: 24 hrs - practical & theory
   - Downhill Skiing - 1 cr.: 24 hrs - practical

4. Number of students per course and teacher/student ratio

   - Practical courses: 20 to 30 students: Ratio = 1:12
   - Theory courses: 30 to 40 students: Ratio = 1:24

5. Degree, diploma, program

   - The Department offers various courses (6 credits) in Outdoor Education within their regular baccalaureat program.

6. Major sites used for courses

   - Cristal Cliffs, Beaver Meadow Provincial Park.

7. Special characteristics

   - We try to develop good outdoor skills and ability to transfer these skills to secondary school students. Good, positive experience and safety are stressed.

8. Other comments

   - The Department requires all Senior students to attend a one week "Summer Outdoor Camp" prior to the opening of the University in September.

ST. THOMAS UNIVERSITY

NOTE: St. Thomas University does not offer any courses or program in Outdoor Education.

1. Contact Person: Professor Robert Montario, chairman
Faculty of Education
St. Thomas University
Fredericton, New Brunswick
E3B 5G3
Tel.:

UNIVERSITY OF SASKATCHEWAN

1. Contact Person: Dr. Howard R. Nixon
   College of Physical Education
   University of Saskatchewan
   Saskatoon, Saskatchewan
   S7N 0W0
   Tel.: (306)-343-4884

2. Personnel involved in Outdoor Education, degree qualifications, status

   - C.S. Anderson - M.S. - full time
   - L.K. Sanderson - M.S. - full time
   - E.J. Sprigings - Ph.D. - full time
   - R.D. Bell - Ph.D. - full time
   - W. Wilson - B.P.E. - part time

3. Courses offered, number of credits, type of courses

   - Recr. & Edu. in the Out of Doors - 6 class cr. - practical & theory
   - Alpine Skiing - 2 class cr. - practical
   - Archery - 2 class cr. - practical
   - Cross Country Skiing - 2 class cr. - practical
   - Cycling - 2 class cr. - practical
   - Kayaking - 2 class cr. - practical
   - Orienteering - 2 class cr. - practical
   - Skin & Scuba Diving - 2 class cr. - practical

4. Number of students per course and teacher/student ratio

   - Practical courses: 40 students and up: Ratio 1:20
   - Theory courses: 40 students and up: Ratio 1:20

5. Degree, diploma, program

   - Out of 21 total classes a student may take ½ a class plus ½ class credits in X-C Skiing, orienteering, kayaking, etc ... within his regular degree program.

6. Major sites used for courses

   - Emma Lake Art Camp, Emma Lake, Saskatchewan (owned by University)
   - Rankin Inlet Anthropology Center, N.W.T. (owned by University)
   - North Saskatchewan River, Provincial Parks, Provincial Forests, Outdoor Center at Emma Lake.

7. Special chatacteristics

   - Nothing unique: several skill courses that are optional to all students. One major course in theory and practice related to Outdoor Education.

8. Other comments

- We are about to move into a Winter Outdoor Education survival and recreation skill program with heavy emphasis on Winter camping both residential and wilderness. Our plan is to encourage the College of Education to offer a program - "Teaching Selected Academic Subjects Through Outdoor Education" - We do not teach, for example "Teaching Math. through Outdoor Education" as we do not pretend to be experts in anything but physical education and recreation.

UNIVERSITE DE SHERBROOKE

1. Personne contact: Dr. Gilles Quenneville
   Département de Kinanthropologie
   Faculté d'Education Physique et Sportive
   Sherbrooke, Québec
   J1K 2R1
   Tél.: (819)-565-2211

2. Personnel impliqué en plein air, qualifications, statut

   - Gilles Quenneville - Re.D. - temps complet

3. Cours offerts, nombre de crédits, genre de cours

   - N.B.: 1 cr. = 15 heures
   - Plein Air - 1 cr. - pratique
   - Plein air concentration - 3 cr. - pratique & théorique

4. Nombre d'étudiants par cours et ratio professeurs/élèves

   - Cours pratiques: 30 à 40 étudiants: Ratio 1:10
   - Cours théoriques: 40 et plus: Ratio 1:30

5. Degré, diplôme, programme

   - Le Département offre présentement des cours variés (2 cours - 4 cr.) en Education au Plein Air. En septembre 1981, une concentration en Plein Air sera mise sur pied à l'intérieur du baccalauréat en éducation physique.

6. Principaux emplacements utilisés pour les cours

   - Base de plein air Jouvence, Vallée de la Jacques Cartier, Parc Provincial de la Vérendrye, Parc Orford, Campus.

7. Caractéristiques spéciales

   - Le plein air est approché de manière pluridisciplinaire. Dans chaque cours toutes les philosophies sont intégrées (voir 8). Chaque activité est placée dans son contexte de la génèse de l'univers et l'apport des sciences telles l'archéologie, l'anthropologie, la physique est exploité.

8. Autres commentaires

   - Je crois que le plein air tel que nous l'approchons se justifie comme un des moyens pour aider à solutionner nos deux grands problèmes au 20ième siècle soit 1) destruction de notre environnement (physique et social) et 2) perte de conscience de soi. En plus le plein air tente d'atténuer la plongée trop brusque dans un monde du futur qui ne correspond pas à ce que nous sommes depuis 40,000 ans: "Homo Sapiens Sapiens".

SIMON FRASER UNIVERSITY

NOTE: Two units are presently offering courses in Outdoor Education at Simon Fraser University. They are: I- The Faculty of Education and, II- The Department of Recreation.

I- Faculty of Education

1. Contact Person: Dr. Milton McClaren, coordinator
   Minor in Environmental Education
   Faculty of Education
   Simon Fraser University
   Burnaby, British Columbia
   V5A 1S6
   Tel.: (604)-291-4151

2. Personnel involved in Outdoor Education, degree qualifications, status

   - Milton McClaren - Ph.D. - full time
   - H.L. Walker - M.Ed. - part time
   - Paul Hart - Ph.D. - part time
   - Brian Herrin - M.Ed. - part time
   - Chuck Heath - B.A. - full time
   - Large number of graduate student teaching assistants

3. Courses offered, number of credits, type of courses

   - Environmental Education - 4 sem/hr - practical & theory
   - Case Studies and Field Work in Env. Ed. - 4 sem/hr - practical
   - Reading in Environmental Edu. - 5 sem/hr - theory
   - Development of Env. Edu. Programs - 5 sem/hr - practical & theory
   - Field Work I and II - 5 sem/hr each - practical
   - Master's Project - 5 sem/hr - practical & theory

4. Number of students per course and teacher/student ratio

   - Practical courses: graduates: 10 to 20 students: Ratio: 1:10
     undergrad: 40 students and up: Ratio: 1:10
   - Theory courses: graduates: 10 to 20 students: Ratio: 1:10 to 1:20
     undergrad: 40 students and up: Ratio: 1:10 to 1:20

5. Degree, diploma, program

   - The Faculty offers several degrees: B.Ed. (env. edu.); B.Sc. (env. edu.), B.A. (env. edu.), B. General Studies (env. edu.), M.Ed., and Ph.D. The maximum number of credits that a student may obtain in Outdoor Education depends on whether he is a Minor (23 sem/hrs), an elective credit student (8 sem/hrs), or a M.Ed. student (38 sem/hrs). Minor student may take up to 9 sem/hrs outside the Faculty in other Outdoor Education courses: M.Ed. students may take up to 10 sem/hrs outside. However, that is solely in the context of the Minor or Master's Programs. All B.Ed. students must take approx. 60 sem/hrs outside the Faculty of Education.

6. Major sites used for courses

   - McQueen Lake Environmental Study Center in Kamloops, Camp YaWaCa (YMCA) in Saltspring Island, Keats Camp on Keats Island, Bamfield Marine Station.

7. Special characteristics

   - Simon Fraser University was one of the first Canadian Universities to offer a program in Environmental Education specifically aimed at the public school teacher. Since 1971 we have enrolled more than 800 undergraduate students and thirty Master's students in this field. One student has completed his Ph.D. in Environmental Education as well. We offer a number of credit and non-credit programs, the most popular of which is the Summer Institute in Environmental Education. This program is a residential, total immersion experience-based program in Environmental Education which is typically offered in an off-campus base. We have also offered a credit-carrying Teacher's Practicum with the Outward Bound Mountain School in Keremeos B.C. We were the first Canadian university to collaborate with O.B. in this fashion.

8. Other comments

   - Our program is subject to rapid growth at both the Undergrad, and Grad level. We now enrol more than 20 master's students and we have a waiting list of applications for both full and part-time study. Students come to us from all parts of Canada.

II- Department of Recreation

1. Contact Person: Mr. Joe Van Snellenberg
   Supervisor of Intramural Sports
   Department of Recreation
   Simon Fraser University
   Burnaby, British Columbia
   V5A 1S6
   Tel.: (604)-291-4824

2. Personnel involved in Outdoor Education, degree qualifications, status

   - No assigned professors. Instructors hired as needed from on-campus and off-campus.

3. Courses offered, number of credits, type of courses

   - All the courses are non-credit courses, practical in nature with theory information where needed. The courses are: Rock Climbing, Basic Mountaineering, Advanced Mountaineering, Alpine Mountaineering, Flat Water Canoeing, Fastwater Canoeing, Sailing, Backpacking, Kayaking, Scuba Diving, Downhill Skiing, Cross-Country Skiing.

4. Number of students per course and teacher/student ratio

   - Practical courses: 10 to 20 students: Ratio 1:6
   - Theory courses: 10 to 20 students: Ratio 1:20

5. Degree, diploma, programme

   - The Department offers non-credit courses in Outdoor Education

6. Major sites used for courses

   - No primary sites. Many different sites are used in our programs.

7. Special characteristics

   - The Outdoor Education courses at Simon Fraser are offered at significantly lower cost than comparative courses offered on a commercial/basis off-campus.

UNIVERSITY OF TORONTO

NOTE: Two units offer Outdoor Education courses at the University of Toronto: They are: I- The Faculty of Education and, II- The School of Physical and Health Education.

I- Faculty of Education

1. Contact Person: Professor June M. Collard, chairman
   Department of Physical & Health Education
   Faculty of Education
   University of Toronto
   Toronto, Ontario
   M5S 2R7
   Tel.: (416)-978-3205

2. Personnel involved in Outdoor Education, degree qualifications, status

   - June M. Collard - M.Sc. - full time*
   - P.B. Robertson - M.Ed. - full time
   - assistant instructors - part time

   * Ed.D. in progress

3. Courses offered, number of credits, type of courses

   - Outdoor Education - Complementary - practical & theory Studies Option
     2 hrs/week + 2 weekends + canoe trip + excursions

4. Number of students per course and teacher/student ratio

   - Practical courses: 40 students and up: Ratio 1:30
   - Theory courses: 40 students and up: Ratio 1:60

   N.B. The Outdoor Education course usually has an enrolment of 120 students.

5. Degree, diploma, program

   - The only Outdoor Education course is an option in the Complementary Studies Area. Component: All part of Bachelor of Education Degree following an Undergraduate Degree.

6. Major sites used for courses

   - Metro Toronto Conservation Centres, Camp Richildaca Outdoor Education Centre

II- School of Physical and Health Education

1. Contact Person: Dr. Kirk Wipper
School of Physical and Health Education
University of Toronto
Toronto, Ontario
M5S 1A1
Tel.: (416)-978-6095

TRENT UNIVERSITY

NOTE: Trent University does not offer courses in physical, Health, or Outdoor Education. The athletic department does however oversee the University outdoor resources centre which basically enables the students to borrow equipment for outdoor activities.

1. Contact Person: Mr. Paul S.B. Wilson, director
Department of Athletics
Trent University
Peterborough, Ontario
K9J 7B8

UNIVERSITY OF VICTORIA

NOTE: There are two units offering Outdoor Education courses at the University of Victoria: I- The School of Physical Education and II- The Faculty of Education.

I- School of Physical Education

1. Contact Person: Dr. John J. Jackson
   School of Physical Education
   University of Victoria
   P.O. Box 1700
   Victoria, British Columbia
   V8W 2Y2
   Tel.: (604)-477-6911, extension 4357

2. Personnel involved in Outdoor Education, degree qualifications, status

   - D. Fedoruk - M.Sc. - full time (sessional)
   - S. Kinley - M.Sc. - full time (sessional)

3. Courses offered, number of credits, type of courses

   - N.B.: 1 cr. = 15 hrs
   - Outdoor Education (Land Based) - 3 cr. - practical & theory
   - Outdoor Education (Water Based) - 3 cr. - practical & theory

4. Number of students per course and teacher/student ratio

   - Practical courses: 30 to 40 students: Ratio = depends on the activity
   - Theory courses: 30 to 40 students: Ratio = 1:25

5. Degree, diploma, program

   - The School offers various courses in Outdoor Education that can be supplemented with other courses taken from the Environmental Studies Program.

6. Major sites used for courses

   - The Simpson Property, Lake Cowichan, Duncan, B.C. (owned by University).
   - Numerous local sites.

7. Other comments

   - Presently, the program in the area of Outdoor Education is under review and is likely to change and strengthen in the near future.

II- Faculty of Education

3. Courses offered, number of credits, type of courses

- N.B.: 1 cr. = 15 hr
- Environmental and Outdoor Education: An Introduction - 3 cr. - theory
- Environmental and Outdoor Education in the Elementary School - 3 cr. - theory.

UNIVERSITY OF WATERLOO

NOTE: Two Faculties presently offer courses in Outdoor Education at the University of Waterloo. They are: I- The Faculty of Human Kinetics and Leisure Studies (Department of Recreation) and, II- The Faculty of Arts at Renison College.

I- Faculty of Human Kinetics and Leisure Studies

1. Contact Person: Dr. Paul F.J. Eagles, coordinator
   Outdoor Recreation - Resource Management Stream
   Department of Recreation
   Faculty of Human Kinetics and Leisure Studies
   University of Waterloo
   Waterloo, Ontario
   N2L 3G1
   Tel.: (519)-885-1211, extension 2716

2. Personnel involved in Outdoor Education, degree qualifications, status

   - Paul F.J. Eagles - Ph.D. - full time

3. Courses offered, number of credits, type of courses

   - N.B.: 1 cr. = 15 hrs
   - Outdoor Education - 4 hrs/week for four months - practical & theory

4. Number of students per course and teacher/student ratio

   - Practical courses
   - Theory courses

   } 20 to 30 students: Ratio 1:35

5. Degree, diploma, program

   - The Faculty offers one course in Outdoor Education and thesis (research project) if so used within its regular program.

6. Major sites used for courses

   - The University owns 3 properties that are used for research & educational purposes. They are: Spongy Lake, Squirrel's Run, and Rockwood Cliffs.
   - Most often, we used the Laurel Creek Nature Centre operated by the Grand River Conservation Authority.

7. Special characteristics

   - The course in Outdoor Education is composed of two major parts, the theory and practice given in lectures and an applied situation investigated in seminars and laboratories.

II- Renison College: (Faculty of Arts)

1. Contact Person: Dr. John O. Towler
   Renison College
   Faculty of Arts
   University of Waterloo
   Waterloo, Ontario
   N2L 3G4
   Tel.: (519)-884-4400, extension 51

2. Personnel involved in Outdoor Education, degree qualifications, status

   - John O. Towler - Ph.D. - full time

3. Courses offered, number of credits, type of courses

   - N.B.: 1 cr. = 15 hrs
   - Seminar in Environmental Education - 1 cr. - theory & practical

4. Number of students per course and teacher/student ratio

   - Practical courses
   - Theory courses

   } 10 students: Ratio = 1:10

5. Degree, diploma, program

   - The College offers one course (1 cr.) in Outdoor Education.

6. Major sites used for courses

   - Laurel Creek Conservation Area.

7. Special characteristics

   - The course focuses on learning theory, educational psychology and what is happening in the national and local school systems. It is offered as an adjunct-elective course.

UNIVERSITY OF WESTERN ONTARIO

NOTE: The Faculty of Education(I) is mainly involved in Outdoor Education. Some aspects of Outdoor Education are given in the Faculty of Physical Education (II).

I- Faculty of Education

1. Contact Person: Professor Rodney Bain
   Department of Math/Science
   Faculty of Education
   University of Western Ontario
   London, Ontario
   N6G 1G7
   Tel.: (519)-679-3974

2. Personnel involved in Outdoor Education, degree qualifications, status

   - Rodney Bain - M.Ed. - full time

3. Courses offered, number of credits, type of courses

   - N.B.: 1 cr. = 20 hrs.
   - Outdoor Education - 1 cr. (20 hrs) - practical & theory

4. Number of students per course and teacher/student ratio

   - Practical courses
   - Theory courses

   } 40 students and up: Ratio 1:35

5. Degree, diploma, program

   - The Faculty offers one course (1 cr. - 20 hrs) in Outdoor Education.

6. Major sites used for courses

   - Local parks, gravel pits, woodlots, vacant fields, plazas, museums, graveyards, river banks, ponds, streams.

7. Special characteristics

   - The Outdoor Education course is an optional interdisciplinary course offered both terms with all sessions conducted in the out-of-doors. The course teaches how to use the outdoors in a variety of ways for a variety of disciplines for a variety of grades (selection of a variety of subject disciplines for the class sessions: Phys. Ed., Geography, Science, etc...). Topics are selected to meet the K-13 spectrum.

II- Faculty of Physical Education

N.B.: The Faculty does not offer courses per se in Outdoor Education. Several of our activity courses may be classified as such but we do not propose such a thrust, e.g.: Cross-Country Skiing (6 periods), Alpine Skiing (6 periods), Curriculum Planning in Outdoor Education (6 periods).

1. Contact Person: Dr. Conrad Milne, chairman
Undergraduate Program
Faculty of Physical Education
University of Western Ontario
London, Ontario
N6A 3K7
Tel.: (519)-679-6567

WILFRID LAURIER UNIVERSITY

1. Contact Person: Professor Don Smith
   Coordinator of Physical Education
   Department of Physical Education
   Wilfrid Laurier University
   75 University Avenue West
   Waterloo, Ontario
   N2L 3C5
   Tel.: (519)-884-1970, extension 337

2. Personnel involved in Outdoor Education, degree qualifications, status

   - Don Smith - M.A. (P.E.) - full time

3. Courses offered, number of credits, type of courses

   - Outdoor Skills includes
     Backpack Hiking, Archery, Canoeing - ½ cr. (35 hrs) - practical
   - Cross-Country Skiing - ½ cr. (35 hrs) - practical

4. Number of students per course and teacher/student ratio

   - Practical courses
   - Theory courses

   } 40 students and up: Ratio: 1:40

5. Degree, diploma, program

   - The Department offers ½ of a credit distributed in two courses (¼ cr. each).

6. Major sites used for courses

   - Paradise Lake (YMCA Waterloo), Cyprus Lake Provincial Park, Bruce Trail, Geneva Park, Bark Lake.

7. Special characteristics

   - Lectures are followed by practical experiences. Example: We lecture on Backpack Hicking; selecting equipment, care of equipment, low impact camping ... We follow this with weekend hikes.

UNIVERSITY OF WINDSOR

NOTE: Two Faculties presently offer courses in Outdoor Education at University of Windsor. They are: I- The Faculty of Human Kinetics and II- The Faculty of Education.

I- Faculty of Human Kinetics

1. Contact Person: Dr. Michael A. Salter
   Faculty of Human Kinetics
   University of Windsor
   Windsor, Ontario
   N9B 3P4
   Tel.: (519)-253-4232, extension 568

2. Personnel involved in Outdoor Education, degree qualifications, status

   - Michael A. Salter - Ph.D. - full time

3. Courses offered, number of credits, type of courses

   - N.B.: 1 cr. = 15 hrs.
   - Introduction to Outdoor Education and Outdoor Recreation - 2 cr. - practical and theory
   - Outdoor Recreation - 2 cr. - practical and theory.

4. Number of students per course and teacher/student ratio

   - Practical courses: 30 to 40 students: Ratio: 1:7
   - Theory courses: 30 to 40 students: Ratio: ?

5. Degree, diploma, program

   - The Faculty offers 2 courses (4 cr.) in Outdoor Education. Six other credits may be obtained from other Departments within the University.

6. Major sites used for courses

   - Ontario Camp Leadership Center, Irondale, Ontario.

II- Faculty of Education

1. Contact Person: Dr. James Tisdale
   Faculty of Education
   University of Windsor
   Windsor, Ontario
   N9E 1A5
   Tel.: (519)-969-0520

2. Personnel involved in Outdoor Education, degree qualifications, status

   - James Tisdale - Ph.D. - full time

3. Courses offered, number of credits, type of courses

   - Environmental Science I - practical (6 hr), theory (2 hr)
   - Environmental Science II - practical (5 hr), theory (3 hr)
   - Environmental Science III - practical (3 hr), theory (5 hr)
   - Environmental Science (M.Ed. program) - practical (1 hr), theory (4 hr)
   - Environmental Science (M.Ed. program) - practical (4 hr), theory (1 hr)

4. Number of students per course and teacher/student ratio

   - Practical courses: 10 to 20 students: Ratio: 1:25
   - Theory courses: ?

5. Degree, diploma, program

   - The Faculty is offering various courses in Outdoor Education (3 courses). Two more courses are offered in the Master's program.

6. Major sites used for courses

   - Peche Island Provincial Park.

7. Special characteristics

   - Courses are designed to be of practical value to classroom teachers. Emphasis is on practicality (use of available environment). Outdoor Education is treated as an approach not a subject: Interdisciplinary and multigraded activities are stressed.

UNIVERSITY OF WINNIPEG

1. Contact Person: Dr. David F. Anderson, director
   Department of Recreation and Athletic Studies
   University of Winnipeg
   Winnipeg, Manitoba
   R3B 2E9
   Tel.: (204)-786-7811, extension 419

2. Personnel involved in Outdoor Education

   - To be announced for 1981-1982

3. Courses offered, number of credits, type of courses

   - N.B.: 1 cr. = 16 hrs
   - Foundations of Outdoor Recreation - 3 cr. (48 hrs) - theory 2/3, practical 1/3.

4. Number of students per course and teacher/student ratio

   - Practical courses
   - Theory courses

   } 10 to 20 students: Ratio: 1:10 to 1:20

5. Degree, diploma, program

   - The Department offers one course (3 cr.) in Outdoor Education within its regular program.

6. Major sites used for courses

   - Birds Hill Provincial Park, several City Parks.

YORK UNIVERSITY

1. Contact Person: Dr. Roger Seaman
   Department of Physical Education and Athletics
   Faculty of Science
   4700 Keele Street
   Downsview, Ontario
   M3T 1P3
   Tel.: (416)-667-3192

2. Personnel involved in Outdoor Education, degree qualifications, status

   - Francis Flint - M.A. - full time
   - Michael Smith - Ph.D. - full time
   - Boyce Taylor - Ph.D. - full time

3. Courses offered, number of credits, type of courses

   - N.B.: 1 cr. = 15 hrs
   - Introduction to Outdoor Education - 2.5 cr. - theory
     N.B.: The practical courses are presently under review with 2 options available
     a) expand program & include required courses
     b) discontinue elective courses

4. Number of students per course and teacher/student ratio

   - Practical courses: ?
   - Theory courses: 20 to 30 students: Ratio: 1:20

5. Degree, diploma, program

   - The Department offers ½ a course (3 cr.) academic in Outdoor Education and the possibility of a full course (6 cr.) in independent study.

6. Major sites used for courses

   - Camp Tawingo in Huntsville, Algonquin Provincial Park, Kilarney Provincial Park, Lady Evelyn Lake in Temagami, Blue Mountain Ski Area.

7. Special characteristics

   - In the past, we have offered two Fall (resident camping, wilderness canoeing) and three Winter (resident camping, alpine skiing, cross-country skiing) practical courses. However, due to declining enrollment, these courses are no longer offered. The entire Outdoor Education Practicum program is under review.